

32692  
Customer Number

Patent  
Case No.: 58914US011

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: Lindstrom, Kyle J

Patent No.: 7897597

Application No.: 10/595103

Dated: 01-MAR-2011

Confirmation No. 2609

Title: ARYLOXY AND ARYLALKYLENEOXY SUBSTITUTED IMIDAZOQUINOLINES

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323**

Commissioner for Patents  
Office of Publication  
Attn: Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

- ☒ transmitted to United States Patent and Trademark Office on the date shown below via the Office electronic filing system.
- ☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.

May 4, 2011  
Date

/Chris Johnson/  
Signed by: Chris Johnson

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

The errors are attributable to both the Applicant(s) and the Patent and Trademark Office.

**Fees**

- ☒ Any required fee will be made at the time of submission via EFS-Web. In the event fees are not or cannot be paid at the time of EFS-Web submission, please charge any fees under 37 CFR § 1.20(a) which may be required to Deposit Account No. 13-3723.
- ☐ Please charge any fees under 37 CFR §§ 1.20(a), 1.16 and 1.17 which may be required to Deposit Account No. 13-3723.
- ☒ Please charge any additional fees associated with the prosecution of this application to Deposit Account No. 13-3723. This authorization includes the fee for any necessary extension of time under 37 CFR § 1.136(a). To the extent any such extension should become necessary, it is hereby requested.
- ☒ Please credit any overpayment to the same deposit account.

Respectfully submitted,

26 April 2011

Date

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-383

By: /Dean A. Ersfeld/

Dr. Dean A. Ersfeld, Reg. No.: 46,689

Telephone No.: 651-733-7830

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

Page 1 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**List of References**

- **Page 5, Col. 2 (Other Publications), Line 2** - Delete "Ammonial/Potassium" and insert - - Ammonia/Potassium - -, therefor.
- **Page 6, Col. 1(Other Publications), Line 21** - Delete "a ," and insert - - al., - -, therefor.
- **Page 6, Col. 1(Other Publications), Line 62** - Delete "at," and insert - - al., - -, therefor.
- **Page 6, Col. 2(Other Publications), Line 43** - Delete "of" and insert - - et - -, therefor.
- **Page 6, Col. 2(Other Publications), Line 53** - Delete "al," and insert - - al., - -, therefor.
- **Page 6, Col. 2(Other Publications), Line 55** - Delete "Chmica" and insert - - Chimica - -, therefor.
- **Page 7, Col. 1(Other Publications), Line 12** - Delete "a," and insert - - al., - -, therefor.
- **Page 7, Col. 2(Other Publications), Line 28** - Delete "Hydocarbons" and insert - - Hydrocarbons - -, therefor.
- **Page 7, Col. 2(Other Publications), Line 62** - Delete "Naphthyridines Hydroxynaphthyridies," and insert - - Naphthyridines Hydroxynaphthyridines, - -, therefor.
- **Page 8, Col. 1(Other Publications), Line 6** - Delete "Gessellschaft" and insert - - Gesellschaft - -, therefor.
- **Page 8, Col. 1(Other Publications), Line 40** - Delete "al," and insert - - al., - -, therefor.

MAILING ADDRESS OF SENDER:

**OFFICE OF INTELLECTUAL PROPERTY COUNSEL  
3M INNOVATIVE PROPERTIES COMPANY  
3M CENTER - P.O. BOX 33427  
SAINT PAUL, MINNESOTA 55133-3427**

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Page 2 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**List of References Cont'd**

- **Page 8, Col. 1 (Other Publications), Line 68** - Delete "Stablized" and insert - - Stabilized - -, therefor.
- **Page 8, Col. 2 (Other Publications), Line 7** - Delete "nti-inflammatory" and insert - - anti-inflammatory - -, therefor.
- **Page 9, Col. 1 (Other Publications), Line 47** - Delete "Dermatologi;" and insert - - Dermatology; - -, therefor.
- **Page 9, Col. 2 (Other Publications), Line 1** - Delete "Structure-Activitiy" and insert - - Structure-Activity - -, therefor.
- **Page 9, Col. 2 (Other Publications) Line 37** - Delete "Imnnunol." and insert - - Immunol. - -, therefor.
- **Page 9, Col. 2 (Other Publications) Line 56** - Delete "Hely" and insert - - Helv - -, therefor.
- **Page 10, Col. 1 (Other Publications) Line 17** - Delete "2-arlypyrazolo" and insert - - 2-arylpyrazolo - -, therefor.
- **Page 10, Col. 1 (Other Publications) Line 24** - Delete "imizazo" and insert - - imidazo - -, therefor.
- **Page 10, Col. 1 (Other Publications) Line 25** - Delete "nucleosides:fficient" and insert - - nucleosides: efficient - -, therefor.
- **Page 10, Col. 1 (Other Publications) Lines 53-54** - Delete "Assymmetry." and insert - - Asymmetry. - -, therefor.

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Page 3 of 17

PATENT NO.: 7897597  
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**List of References Cont'd**

- **Page 10, Col. 1 (Other Publications) Line 60** - Delete "Bacteroids" and insert - - Bacteroides - -, therefor.
- **Page 10, Col. 2 (Other Publications) Line 35** - Delete "lipoiygenase" and insert - - lipoxxygenase - -, therefor.
- **Page 11, Col. 2 (Other Publications) Line 1** - Delete "IsosteriC" and insert - - Isosteric - -, therefor.
- **Page 11, Col. 2 (Other Publications) Line 5** - Delete "at,," and insert - - al., - -, therefor.
- **Page 11, Col. 2 (Other Publications) Line 6** - Delete "Tray" and insert - - Trav - -, therefor.
- **Page 11, Col. 2 (Other Publications) Line 58** - Delete "ofHeterocylic" and insert - - of Heterocyclic - -, therefor.

**Specification**

- **Column 4, Line 24,** - Delete "-N(R<sub>8</sub>)C(R<sub>6</sub>)-" and insert - - -N(R<sub>8</sub>)-C(R<sub>6</sub>)- - -, therefor.
- **Column 4, Line 32,** - Delete "substitutents;" and insert - - substituents; - -, therefor.
- **Column 6, Line 5,** - After "of" insert - - : - -.
- **Column 11, Line 41,** - Below "- X'-R<sub>4.1</sub>," insert - - -X'-Y'-R<sub>4</sub>, - -.
- **Column 15, Line 33,** - Delete "C-," and insert - - O-, - -, therefor.

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Page 4 of 17

PATENT NO.: 7897597  
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 17, Line 46, -** Delete "substitutent." and insert - - substituent. - -, therefor.
- **Column 19, Line 1, -** Delete "-2#-" and insert - - -2H- - -, therefor.
- **Column 19, Line 11, -** Delete "-C(R<sub>61</sub>)-," and insert - - -C(R<sub>6</sub>)-, - -, therefor.
- **Column 19, Lines 34-35, -** Delete "4-(1,1-dioxidoisothiazohdin-2-yl)butyl," and insert - - 4-(1,1-dioxidoisothiazolidin-2-yl)butyl, - -, therefor.
- **Column 19 Line 45 -** Delete "Cl<sub>1-2</sub>" and insert - - C<sub>1-2</sub> - -, therefor.
- **Column 19, Lines 49-50, -** Delete "methylammocarbonylaminomethyl." and insert - - methylaminocarbonylaminomethyl. - -, therefor.
- **Column 20, Line 62, -** Before "some" insert - - In - -.
- **Column 24, Line 43, -** Delete "-3-nitroquinolin" and insert - - -3-nitroquinoline - -, therefor.
- **Column 25, Line 67, -** Delete "3-amino" and insert - - 3-amido - -, therefor.
- **Column 26, Line 17, -** Delete "L" and insert - - I, - -, therefor
- **Column 26, Line 19, -** Delete "-5H-" and insert - - -5N- - -, therefor.

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Page 5 of 17

PATENT NO.: 7897597  
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

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**Specification Cont'd**

- **Column 26, Line 30, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 29, Line 18, -** Delete “n,” and insert - - II, - -, therefor.
- **Column 29, Line 42, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 29, Line 49, -** Delete “TV-oxide” and insert - - N-oxide - -, therefor.
- **Column 29, Line 54 -** Delete “men” and insert - - then - -, therefor.
- **Column 30, Line 28, -** Delete “XXXI” and insert - - XXXI, - -, therefor.
- **Column 30, Line 46, -** Delete “N==O” and insert - - N=C=O- -, therefor.
- **Column 30, Line 64, -** Delete “R<sub>9</sub>,” and insert - - R<sub>8</sub>, - -, therefor.
- **Column 33, Line 50, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 34, Line 60, -** Delete “Ar,” and insert - - Ar' - -, therefor.
- **Column 36, Line 41, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 37, Line 30, -** Delete “inline” and insert - - imine - -, therefor.

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Page 6 of 17

PATENT NO.: 7897597  
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 38, Line 64, -** Delete “animated” and insert - - aminated - -, therefor.
- **Column 39, Line 62, -** Delete “Methylamine” and insert - - triethylamine- -, therefor.
- **Column 41, Line 41, -** Delete “(TL).” and insert - - (IL). - -, therefor.
- **Column 41, Line 43, -** Delete “DL-1,” and insert - - IL-1, - -, therefor.
- **Column 42, Line 39, -** Delete “HSV-H,” and insert - - HSV-II, - -, therefor.
- **Column 42, Line 47, -** Delete “flavdvirus” and insert - - flavivirus - -, therefor.
- **Column 42, Lines 60-61, -** Delete “histoplasmonsiss,” and insert - - histoplasmosis, - -, therefor.
- **Column 42, Lines 62-63, -** Delete “carnii pneomonias,” and insert - - carinii pneumonia, - -, therefor.
- **Column 42, Line 67, -** Delete “Karposi's” and insert - - Kaposi's - -, therefor.
- **Column 43, Line 9, -** Delete “Ommen's syndrome,” and insert - - Omenn's syndrome, - -, therefor.

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Page 7 of 17

PATENT NO.: 7897597  
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

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**Specification Cont'd**

- **Column 43, Line 25, -** Delete "hemophilus" and insert - - haemophilus - -, therefor.
- **Column 44, Line 52, -** Delete "phenylamino" and insert - - phenylimino - -, therefor.
- **Column 44, Line 60, -** Delete "phenylamino" and insert - - phenylimino - -, therefor.
- **Column 46, Line 40, -** Delete "1.5" and insert - - 7.5 - -, therefor.
- **Column 47, Line 59, -** Delete "an" and insert - - as an - -, therefor.
- **Column 48, Line 44, -** Delete "quinolin" and insert - - quinoline- -, therefor.
- **Column 49, Line 63, -** Delete "(d," and insert - - (d, J= - -, therefor.
- **Column 53, Line 16, -** Delete "w/z" and insert - - m/z - -, therefor.
- **Column 53, Line 57, -** Delete "-1/Z-" and insert - - -1H- - -, therefor.
- **Column 55, Line 45, -** Delete "-2-pro" and insert - -  
-2-propyl-1H-imidazo[4,5-c]quinolin-4-amine - -, therefor.
- **Column 55, Line 58, -** Delete "(trifluomethyl)" and insert - - (trifluoromethyl) - -, therefor.
- **Column 55, Lines 62-63, -** Delete "(trifluomethyl)" and insert - -  
(trifluoromethyl) - -, therefor.
- **Column 56, Line 21, -** Delete "(t, 7=" and insert - - (t, J= - -, therefor.

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Page 8 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 62, Line 49, -** Delete "(septet 7=" and insert - - (septet J= - -, therefor.
- **Column 62, Line 49, -** Delete "(t, 7=" and insert - - (t, J= - -, therefor.
- **Column 64, Line 17, -** Delete "(d, 7=" and insert - - (d, J= - -, therefor.
- **Column 64, Line 20, -** Delete "(d, 7=" and insert - - (d, J= - -, therefor.
- **Column 64, Line 21, -** Delete "(q, 7=" and insert - - (q, J= - -, therefor.
- **Column 64, Line 21, -** Delete "(septet, 7=" and insert - - (septet, J= - -, therefor.
- **Column 64, Line 22, -** Delete "(t, 7=" and insert - - (t, J= - -, therefor.
- **Column 64, Line 22, -** Delete "(d, 7=" and insert - - (d, J= - -, therefor.
- **Column 65, Line 11, -** Delete "(d, 7=" and insert - - (d, J= - -, therefor.
- **Column 65, Line 12, -** Delete "(d, 7=" and insert - - (d, J= - -, therefor.
- **Column 65, Line 13, -** Delete "(d, 7=" and insert - - (d, J= - -, therefor.
- **Column 65, Line 14, -** Delete "(q, 7=" and insert - - (q, J= - -, therefor.
- **Column 65, Line 14, -** Delete "(septet, 7=" and insert - - (septet, J= - -, therefor.

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Page 9 of 17

PATENT NO.: 7897597  
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FIRST NAMED INVENTOR: Lindstrom, Kyle J

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**Specification Cont'd**

- **Column 65, Line 15, -** Delete "(t, 7=" and insert - - (t, J= - -, therefor.
- **Column 66, Line 27, -** Delete "(d, 0.7=" and insert - - (d, J= - -, therefor.
- **Column 68, Line 2, -** Delete "by/7-" and insert - - by p- - -, therefor.
- **Column 70, Line 45, -** Delete "g" and insert - - g, - -, therefor.
- **Column 70, Line 47, -** Delete "dichloromethane methanol" and insert - - dichloromethane:methanol - -, therefor.
- **Column 72, Line 19, -** Delete "(3-nitrophenoxy-2-" and insert - - (3-nitrophenoxy)-2- - -, therefor.
- **Column 76, Line 8, -** Delete "-imidazo" and insert - - -imidazo[4,5-c]quinoline - -, therefor.
- **Column 78, Line 63, -** Delete "TV-" and insert - - N- - -, therefor.
- **Column 79, Line 33, -** Delete "7V" and insert - - N- - -, therefor.
- **Column 81, Line 59, -** Delete "(pentet," and insert - - (pentet, J= - -, therefor.
- **Column 81, Line 62, -** Delete "8159.0," and insert - -  $\delta$ 159.0,- -, therefor.
- **Column 84, Line 30, -** After "(2-methoxyethyl)" delete "-1H".

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Page 10 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 86, Line 48, -** Delete "added," and insert - - added - -, therefor.
- **Column 89, Line 17, -** Delete "7V'-" and insert - - N- - -, therefor.
- **Column 89, Line 18, -** Delete "-N<sup>4</sup>-" and insert - - -N- - -, therefor.
- **Column 89, Line 21, -** Delete "-5-" and insert - - -3- - -, therefor.
- **Column 89, Line 59, -** Delete "H" and insert - - I - -, therefor.
- **Column 90, Line 44, -** Delete "0° C.;" and insert - - ~0° C.; - -, therefor.
- **Column 90, Line 64, -** Delete "quinolin" and insert - - quinoline - -, therefor.
- **Column 91, Line 23, -** Delete "362.1134" and insert - - 362.1734 - -, therefor.
- **Column 92, Line 2, -** Delete "animate" and insert - - aminate - -, therefor.
- **Column 92, Line 8, -** Delete "(d,7=" and insert - - (d,J= - -, therefor.
- **Column 92, Line 13, -** Delete "5153.6," and insert - - δ153.6, - -, therefor.
- **Column 92, Line 43, -** Delete "-methylquinoline-" and insert - -  
-methylquinoline-3,4- - -, therefor.

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Page 11 of 17

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**Specification Cont'd**

- **Column 92, Line 49, -** Delete "0° C.," and insert - - ~0° C., - -, therefor.
- **Column 93, Line 14, -** Delete "quinolin" and insert - - quinoline - -, therefor.
- **Column 94, Lines 42-43, -** Delete "dichloromemane:methanol)." and insert - - dichloromethane:methanol). - -, therefor.
- **Column 97, Line 41, -** Delete "quinolin e" and insert - - quinoline - -, therefor.
- **Column 97, Line 53, -** Delete "(pentet," and insert - - (pentet, J= - -, therefor.
- **Column 98, Line 30, -** Delete "quinolin" and insert - - quinoline - -, therefor.
- **Column 101, Line 7, -** Delete "-1/J-" and insert - - -1H- - -, therefor.
- **Column 101, Line 10, -** Delete "horn;" and insert - - hour - -, therefor.
- **Column 102, Line 42, -** Delete "nitroquinoline" and insert - -  
- Nitroquinoline-4-amine - -, therefor.
- **Column 103, Line 4, -** After "but the" delete "1".
- **Column 106, Line 15, -** Delete "(APCI)/w/z" and insert - - "(APCI) m/z - -, therefor.
- **Column 108, Line 50, -** Delete ".0.20H<sub>2</sub>O:" and insert - - .0.20 H<sub>2</sub>O: - -, therefor.

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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 111, Line 52, -** Delete "N{4}" and insert - - N-{4 - -, therefor.
- **Column 113, Line 35, -** Delete "butyl}" and insert - - butyl} - -, therefor.
- **Column 114, Line 43, -** Delete ".015H<sub>2</sub>O:" and insert - - .015 H<sub>2</sub>O: - -, therefor.
- **Column 115, Line 46, -** Delete "<sup>13</sup>H" and insert - - <sup>1</sup>H - -, therefor.
- **Column 116, Line 67, -** Delete "(t,7=" and insert - - (t,J= - -, therefor.
- **Column 120, Line 52, -** Delete ".025H<sub>2</sub>O:" and insert - - .025 H<sub>2</sub>O: - -, therefor.
- **Column 122, Line 40, -** Delete ".050H<sub>2</sub>O:" and insert - - .050 H<sub>2</sub>O: - -, therefor.
- **Column 122, Line 66, -** Delete ".025H<sub>2</sub>O:" and insert - - .025 H<sub>2</sub>O: - -, therefor.
- **Column 123, Line 24, -** Delete ".077H<sub>2</sub>O:" and insert - - .077 H<sub>2</sub>O: - -, therefor.
- **Column 123, Line 46, -** Delete ".050H<sub>2</sub>O:" and insert - - .050 H<sub>2</sub>O: - -, therefor.
- **Column 123, Line 64, -** Delete ".050H<sub>2</sub>O:" and insert - - .050 H<sub>2</sub>O: - -, therefor.
- **Column 124, Line 5, -** Delete ".075H<sub>2</sub>O:" and insert - - .075 H<sub>2</sub>O: - -, therefor.

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FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 125, Line 3, -** Delete "Anal," and insert - - Anal. - -, therefor.
- **Column 126, Line 8, -** Delete "animate" and insert - - aminate - -, therefor.
- **Column 128, Line 44, -** Delete "H-" and insert - - N- - -, therefor.
- **Column 130, Line 39, -** Delete "5-c]" and insert - - 5- $\alpha$ ] - -, therefor.
- **Column 131, Line 37, -** Delete "8-(Benzoyloxy)" and insert - - 8-(Benzoyloxy) - -, therefor.
- **Column 138, After Line 67, -** Insert - -  
from acetonitrile to give 102 mg of 7-(furan-3-ylmethoxy)-2-methyl-1-(2-methylpropyl)-1H-imidazo[4,5-c]quinolin-4-amine as a white powder, mp 181.0-183.0.  
MS (APCI) m/z 351 (M+H)<sup>+</sup>;  
Anal. Calcd. for C<sub>20</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>.0.6 CH<sub>3</sub>CN: % C, 67.89; % H, 6.40; % N, 17.18.  
Found: % C, 67.72; % H, 6.67; % N, 16.95.
- **Column 140, Line 20, -** Delete ".055H<sub>2</sub>O:" and insert - - .055 H<sub>2</sub>O: - -, therefor.
- **Column 142, Line 17, -** Delete ".033H<sub>2</sub>O:" and insert - - .033 H<sub>2</sub>O: - -, therefor.
- **Column 142, Line 57, -** Delete "triethylamine," and insert - - triethylamine, - -, therefor.
- **Column 148, Line 66, -** Delete "amine," and insert - - amine. - -, therefor.
- **Column 153, Line 44, -** Delete ".05H<sub>2</sub>O:" and insert - - .05 H<sub>2</sub>O: - -, therefor.

MAILING ADDRESS OF SENDER:

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PATENT NO. 7897597

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**CERTIFICATE OF CORRECTION**

Page 14 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 154, Lines 3-4,** - Delete "thiazoleHCl" and insert - - thiazole.HCl - -, therefor.
- **Column 157, Line 41,** - Delete "-benzoyloxy-" and insert - - -benzyloxy- - -, therefor.
- **Column 157, Line 61,** - Delete "triethylamine." and insert - - triethylamine. - -, therefor.
- **Column 158, Line 59,** - Delete "-1,1-" and insert - - -1-yl)-1,1- - -, therefor.
- **Column 160, Line 52,** - Delete "-methylethyl]" and insert - - -dimethylethyl]" - -, therefor.
- **Column 165, Line 6,** - Delete "(q, 7=" and insert - - (q, J= - -, therefor.
- **Column 165, Line 12,** - Delete ".0.12H<sub>2</sub>O:" and insert - - .0.12 H<sub>2</sub>O: - -, therefor.
- **Column 167, Line 53,** - Delete "phenylamino]" and insert - - phenylimino] - -, therefor.
- **Column 169, Line 35,** - Delete "7=" and insert - - J= - -, therefor.
- **Column 172, Line 47,** - Delete "Anal," and insert - - Anal. - -, therefor.
- **Column 172, Line 55,** - Delete "mmol." and insert - - mmol, - -, therefor.
- **Column 174, Line 4,** - Delete "Anal," and insert - - Anal. - -, therefor.

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Page 15 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Specification Cont'd**

- **Column 178, Line 14, -** Delete “acid/acetonitrile:” and insert - - acid/acetonitrile; - -, therefor.
- **Column 188, Line 61, -** Delete “phenylthiocarbamoyl” and insert - - phenylthiocarbamyl - -, therefor.
- **Column 191, Line 18, -** Delete “-2#-” and insert - - -2H- - -, therefor.
- **Column 192, Line 6, -** Delete “animate” and insert - - aminate - -, therefor.
- **Column 203, Line 11, -** Delete “microliter” and insert - - microtiter - -, therefor.

**Claims**

- **Column 205, Line 62, -** In Claim 1, delete “independently-selected” and insert - - independently selected - -, therefor.
- **Column 208, Line 20, -** In Claim13, after “alkenyl” insert - - , - -.
- **Column 208, Line 36, -** In Claim 13, delete “front” insert - - from - -, therefor.
- **Column 208, Line 51-** In Claim 13, delete “independently-selected” and insert - - independently selected - -, therefor.
- **Column 209, Line 55-** In Claim 21, delete “2-hydroxyl” and insert - - 2-hydroxy - -, therefor.

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Page 16 of 17

PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Claims Cont'd**

- **Column 210, Line 27-** In Claim 25, delete “-X-” and insert - - -X' - - -, therefor.
- **Column 212, Line 15-** In Claim 25, delete “front” insert - - from - -, therefor.
- **Column 212, Line 40-** In Claim 25, delete “that,” and insert - - that - -, therefor.
- **Column 212, Line 67-** In Claim 27, delete “4-[(methasulfonyl)amino]butyl,” and insert - - 4-[(methylsulfonyl) amino]butyl,- -, therefor.
- **Column 213, Line 20-** In Claim 33, after “biosynthesis” delete “in an animal”.
- **Column 213, Line 38-** In Claim 34, delete “-R<sub>4-1</sub>,” and insert - - -R<sub>4-1</sub>, - -, therefor.
- **Column 213, Line 39-** In Claim 34, delete “-R<sub>4-1</sub>,” and insert - - -X'-R<sub>4-1</sub>, - -, therefor.
- **Column 213, Line 47-** In Claim 34, delete “group,” and insert - - group - -, therefor.
- **Column 214, Line 45-** In Claim 34, delete “alkylheteroarylenyl” and insert - - alkylheteroarylenyl, - -, therefor.
- **Column 214, Line 46-** In Claim 34, delete “can the” and insert - - can be - -, therefor.
- **Column 214, Line 57-** In Claim 34, after “alkynyl” insert - - , - -.
- **Column 215, Line 20-** In Claim 34, delete “-O and -S-;” and insert - - =O and =S; - -, therefor.

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PATENT NO.: 7897597  
DATED: 01-MAR-2011  
FIRST NAMED INVENTOR: Lindstrom, Kyle J

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Claims Cont'd**

- **Column 215, Line 55-** In Claim 35, delete "R<sub>4</sub>" and insert - - R<sub>4</sub> is - -, therefor.
- **Column 216, Line 43-**  
In Claim 36, delete "alkylamino,and" and insert - - alkylamino, and - -, therefor.
- **Column 216, Line 48-** In Claim 36, delete "of;" and insert - - of: - -, therefor.
- **Column 218, Line 54-** In Claim 38, delete "R5" and insert - - R<sub>5</sub> - -, therefor.
- **Column 220, Line 1-** In Claim 43, delete "salf" and insert - - salt - -, therefor.

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